

IN THE CLAIMS

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1. (currently amended) A video camera apparatus comprising:

a solid image sensor having an electronic shutter, for outputting an image-sensing signal in a progressive scan mode; and

drive control means for controlling the electronic shutter of the solid image sensor at a field cycle of a standard television system used as a basic cycle, thereby to output the image sensing signal from the solid image sensor in the progressive scan mode;

whereby said image sensor outputs said image-sensing signal in units of fields regardless of whether said sensor is operating in an interlace scan mode or said progressive scan mode.

2. (Currently amended) An image sensing method comprising steps of:

controlling an electronic shutter of a solid image sensor which outputs an image sensing signal in a progressive scan mode at a field cycle of a standard television system used as a basic cycle; and

outputting the image sensing signal from the solid image sensor in the progressive scan mode;

whereby said image sensor outputs said image-sensing signal in units of fields regardless of whether said sensor is operating in an interlace scan mode or said progressive scan mode.

3. (Currently amended) A video camera apparatus comprising:

a solid image sensor having an electronic shutter, for outputting an image sensing signal in an interlace scan mode or a progressive scan mode;

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control means for controlling the electronic shutter such that a shutter speed in the progressive scan mode is equal to a shutter speed in the interlace scan mode; and

output means for outputting the image sensing signal in the progressive scan mode, based on the shutter speed;

whereby said image sensor outputs said image-sensing signal in units of fields regardless of whether said sensor is operating in said interlace scan mode or said progressive scan mode.

4. (Currently amended) An image sensing method comprising steps of:

controlling an electronic shutter of a solid image sensor which outputs an image sensing signal in an interlace scan mode or a progressive scan mode, such that a shutter speed in the progressive scan mode is equal to a shutter speed in the interlace scan mode; and

outputting the image sensing signal from the solid image sensor in the progressive scan mode;

whereby said image sensor outputs said image-sensing signal in units of fields regardless of whether said sensor is operating in said interlace scan mode or said progressive scan mode.

5. (Currently amended) An image sensing signal recording apparatus comprising:

a solid image sensor having an electronic shutter, for outputting an

image-sensing signal in a progressive scan mode;

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drive control means for controlling the electronic shutter of the solid image sensor at a field cycle of a standard television system used as a basic cycle, thereby to output the image sensing signal from the solid image sensor in the progressive scan mode;

scan converter means for converting the image sensing signal based on progressive scanning, into an interlace scan signal; and

recording means for recording the image sensing signal based on progressive scanning, or the image sensing signal converted into the interlace scan signal;

whereby said image sensor outputs said image-sensing signal in units of fields regardless of whether said sensor is operating in an interlace scan mode or said progressive scan mode.

6. (Currently amended) An image sensing signal recording method comprising steps of:

controlling an electronic shutter of a solid image sensor which outputs an image sensing signal in a progressive scan mode at a field cycle of a standard television system used as a basic cycle;

outputting the image sensing signal from the solid image sensor in the progressive scan mode;

converting the image sensing signal into an interlace scan signal; and

recording the interlace scan signal or a progressive scan signal;

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whereby said image sensor outputs said image-sensing signal in units of fields  
regardless of whether said sensor is operating in an interlace scan mode or said  
progressive scan mode.

7. (Currently amended) A video camera apparatus comprising:

a solid image sensor having an electronic shutter, for outputting an image  
sensing signal in an interlace scan mode or a progressive scan mode;

control means for controlling the electronic shutter such that a shutter speed in  
the progressive scan mode is equal to a shutter speed in the interlace scan mode;

output means for outputting the image sensing signal in the progressive scan  
mode, based on the shutter speed;

scan converter means for converting the image sensing signal based on  
progressive scanning, into an interlace scan signal; and

recording means for recording the image sensing signal based on the progressive  
scanning, or the image sensing signal converted into the interlace scan signal;

whereby said image sensor outputs said image-sensing signal in units of fields  
regardless of whether said sensor is operating in said interlace scan mode or said  
progressive scan mode.

8. (Currently amended) An image sensing signal recording method comprising steps of:

controlling an electronic shutter of a solid image sensor which outputs an image  
sensing signal in an interlace scan mode or a progressive scan mode, such that a shutter  
speed in the progressive scan mode is equal to a shutter speed in the interlace scan

mode;

outputting the image sensing signal from the solid image sensor in the

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progressive scan mode;

converting the image sensing signal into an interlace scan signal; and

recording the interlace scan signal or a progressive scan signal;

whereby said image sensor outputs said image-sensing signal in units of fields

regardless of whether said sensor is operating in said interlace scan mode or said

progressive scan mode.

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